LOSS ESTIMATES FOR THE BURNEY AREA FOR THE SEASON OF 1951 Nov 16, 1951

By.

Ralph C. Hall

A cruise of the 37 twenty acre permanent sample plots in the Burney Area was completed early in October. This showed a cruised loss of all species amounting to 131 board feet per acre. It is estimated that the total loss for this area will be about 180 board feet per acre, distributed by species as follows; ponderosa and Jeffrey Pine, 135 board feet per acre, sugar pine 20 board feet, white fir 15 board feet per acre, Douglas fir 4 board feet, and incense cedar 6 board feet. table 1.

An estimate of stumpage values killed in the Burney area for 1951 is presented in table 2. This figures out to an estimated loss of $811,200 for all species for the 1951 season alone. Much of these values can be salvaged if the trees are spotted and the dead trees made available to the salvage loggers in the Burney area.

The sample plot base is not sufficiently strong to warrant an estimate of board feet loss by units, but a resume of impressions follows;

Goose Valley

Scattered heavy loss in large trees, with considerable wind fall material still not salvaged.

Burney Flat

Light loss with an occasional group in small trees. Wind fall practically all salvaged. It is believed that the continued salvage of insect killed trees over the past four years is largely responsible for the low loss in this unit.

Dry Lake

Moderate loss in large trees , very little wind fall damage.

Doyle Butte

Heavy spotty loss in medium size trees, with a heavy concentration of wind fall loss not yet salvaged north and west of Doyle Butte.

Thousand Lakes

Moderate loss in large trees, wind fall loss largely salvaged, and some 1951 insect killed trees salvaged.

Hat Creek

Moderate loss in small trees, wind fall loss mostly salvaged and some 1951 bug loss salvaged.

Big Springs

Heavy scattered loss in large trees, wind fall mostly salvaged and some 1951 bug loss salvaged.

If a salvage job is contemplated in the Burney area the recommendation for priority by units would be Goose Valley, Doyle Butte, Big Springs, Dry Lake, Burney Flat, Thousand Lakes and Hat Creek.

Berkeley Forest Insect Laboratory

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